

Fig. 1A-3

O.G. FIG.	
CLASS	SUBCLASS
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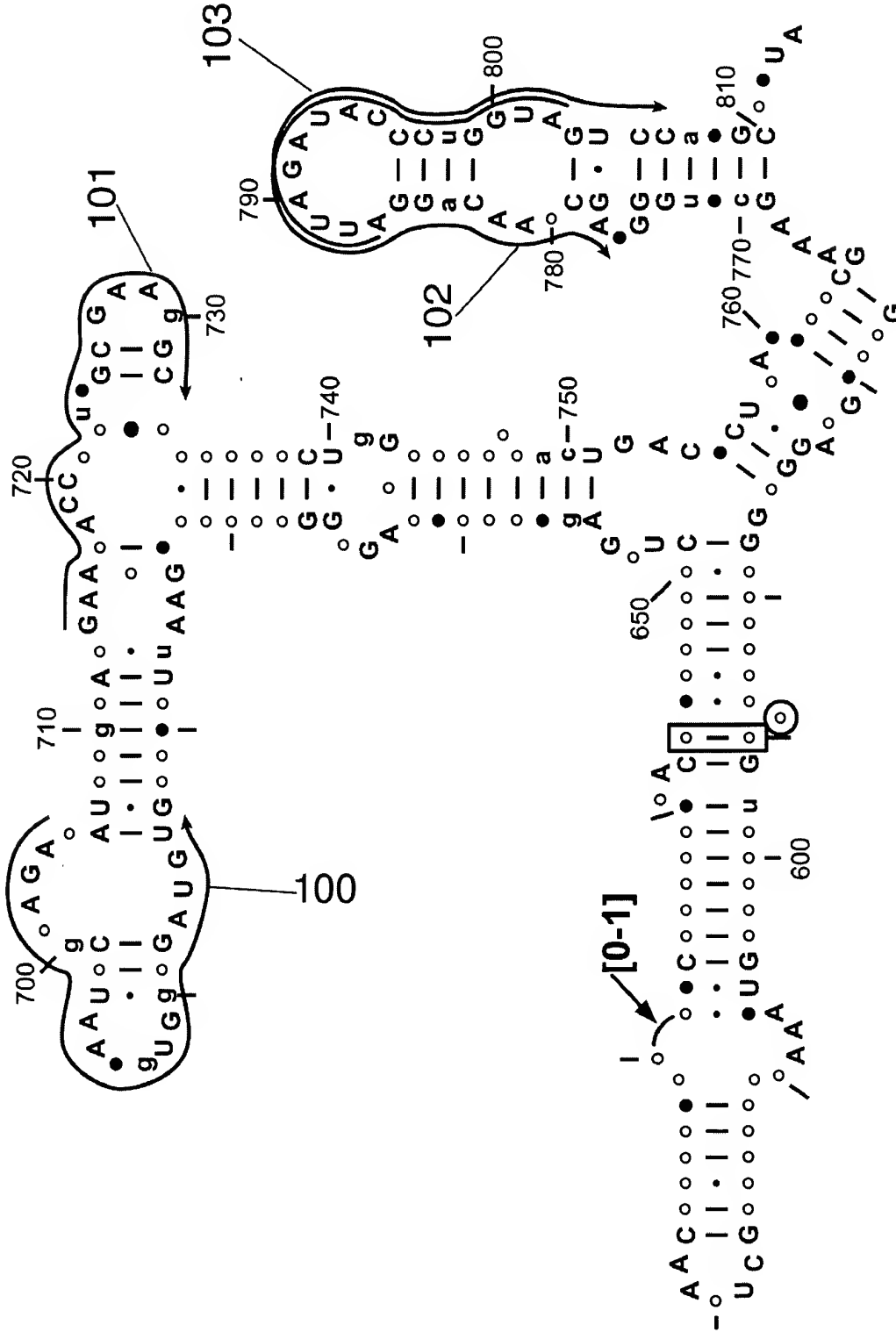


Fig. 1B-1

APPROVED BY DRAFTSMAN	O.G. FIG.
	CLASS SUBCLASS

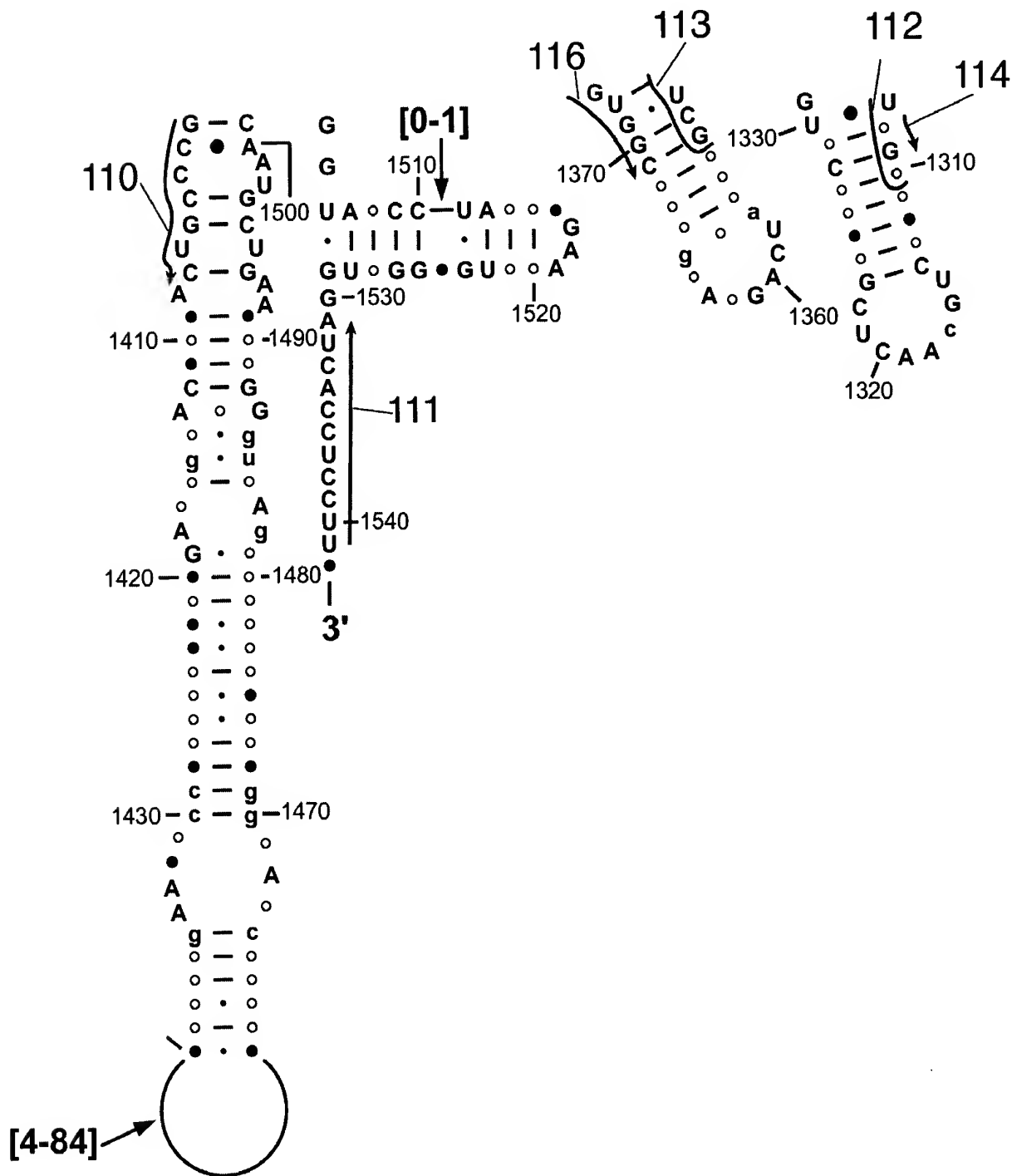


Fig. 1B-2

APPROVED BY DRAFTSMAN	O.G. FIG.	SUBCLASS
	CLASS	

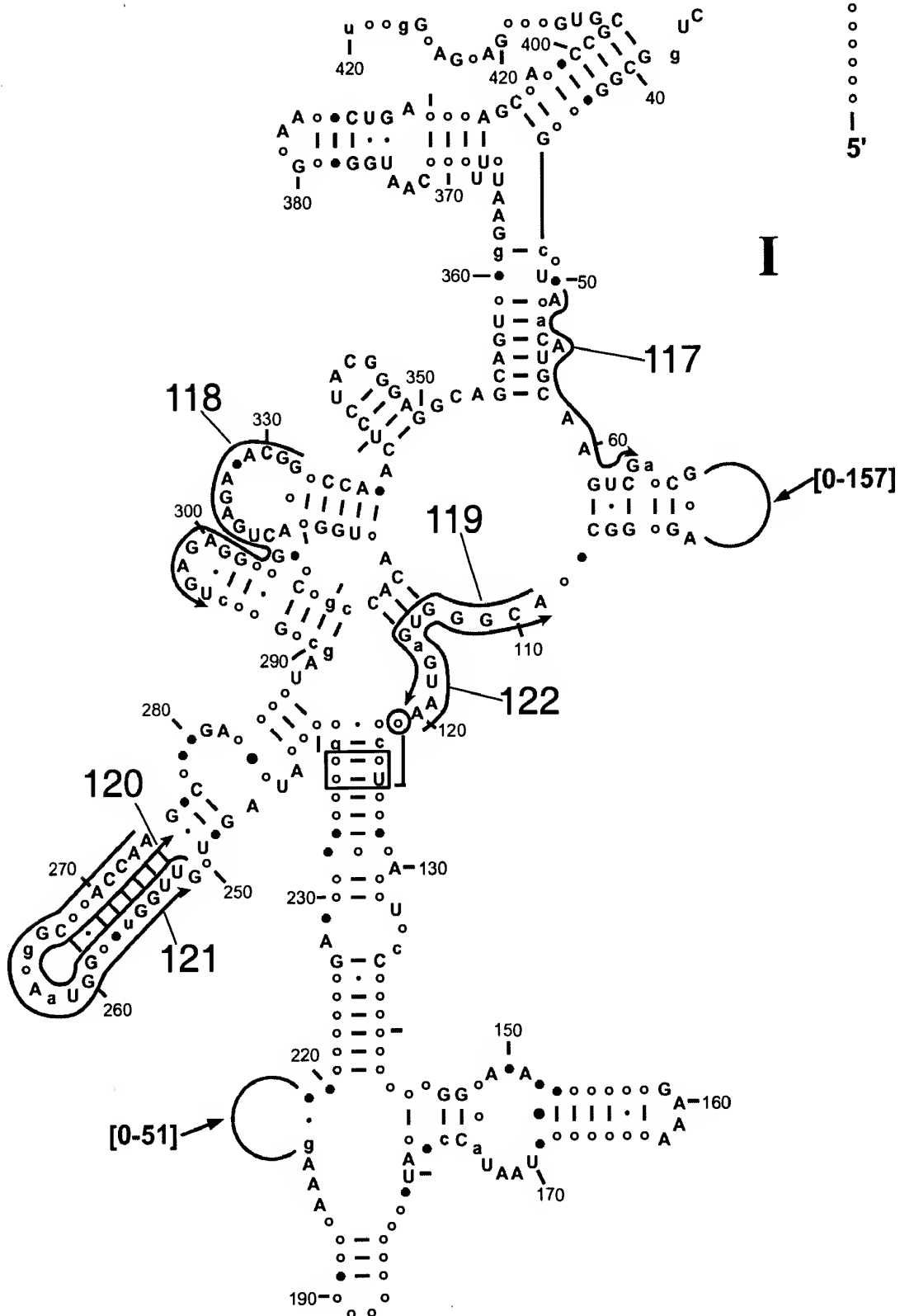


Fig. 1C-1

O.G. FIG.	SUBCLASS
	CLASS
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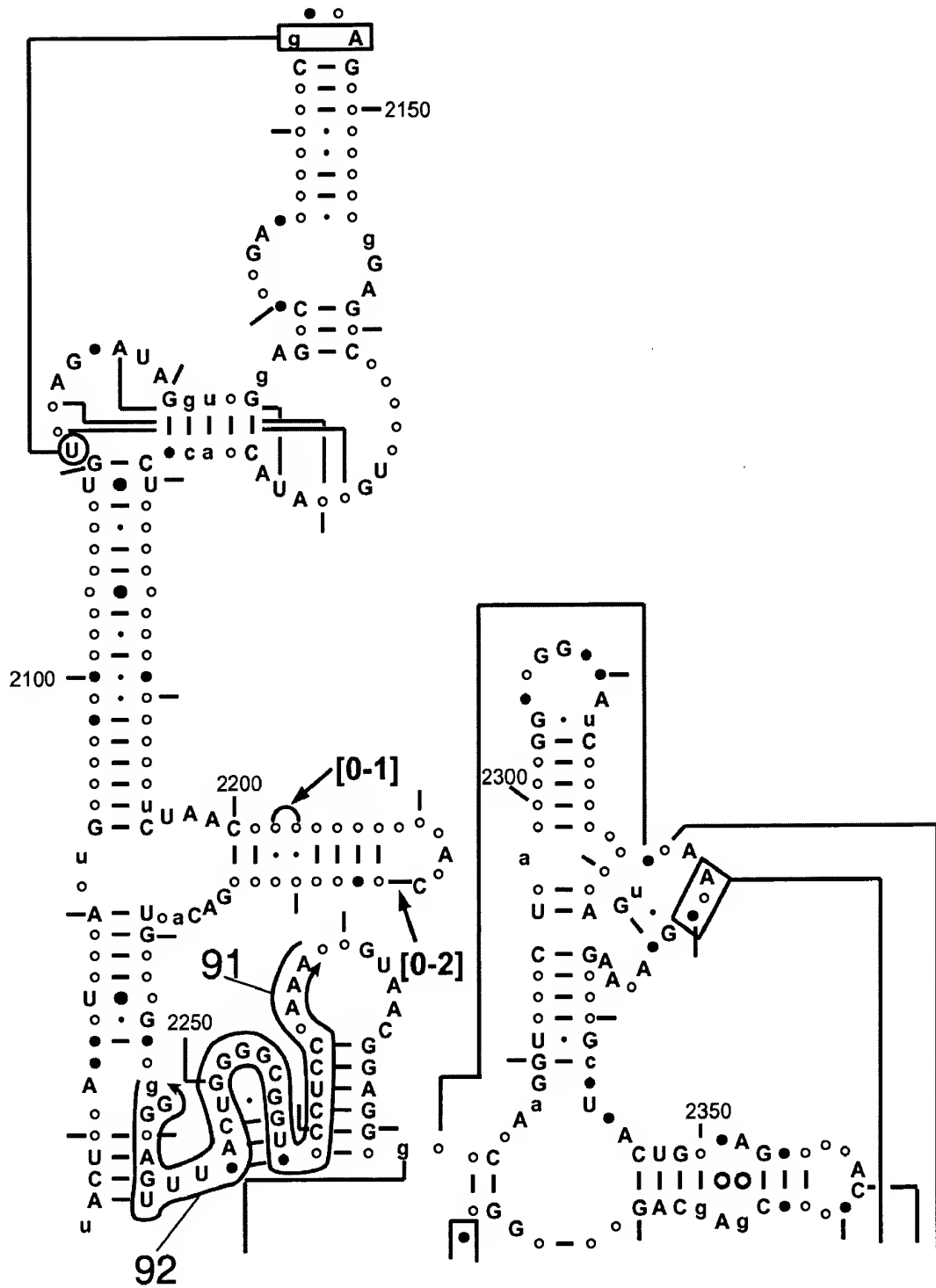
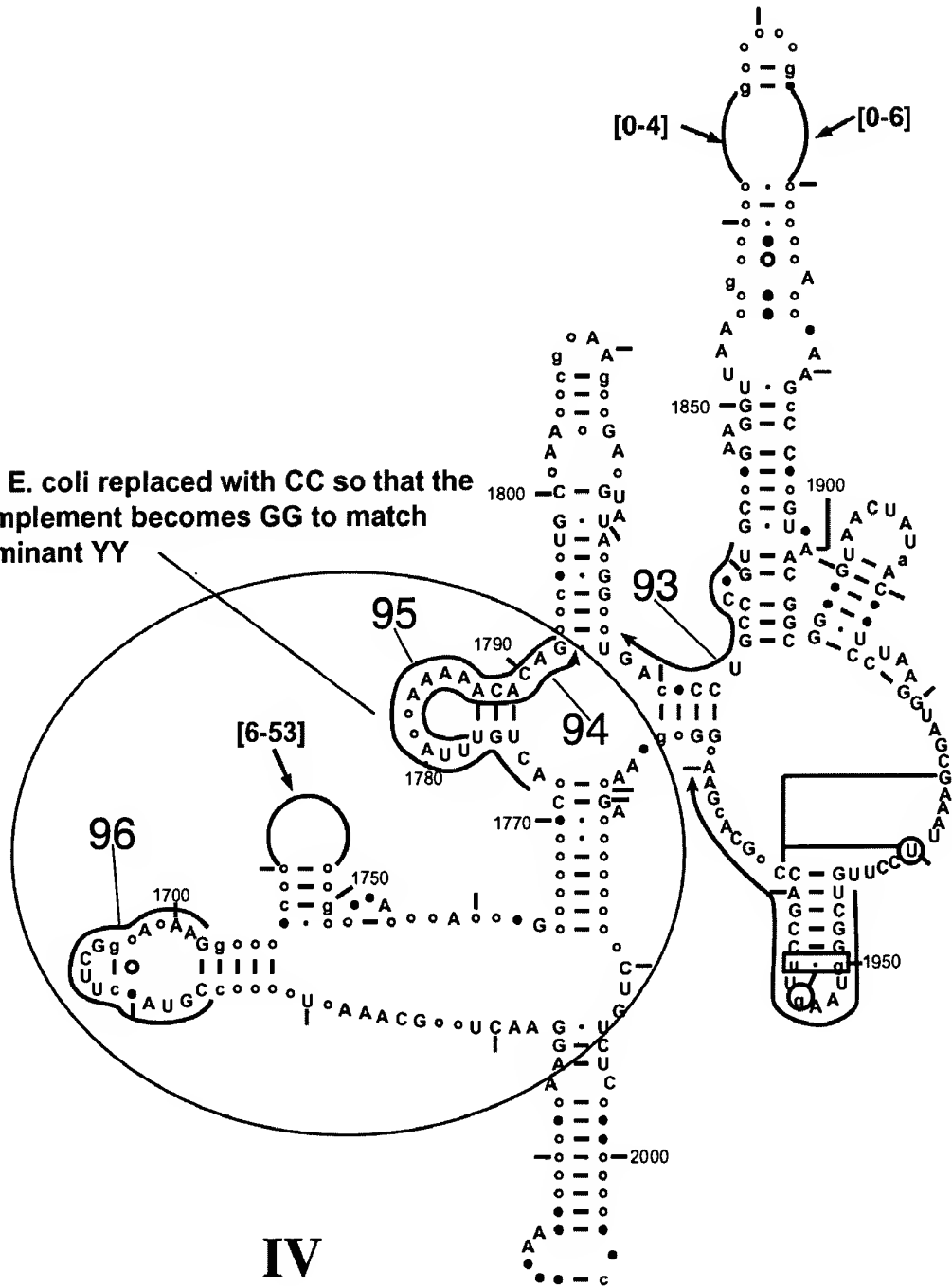


Fig. 1C-2

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	CLASS	SUBCLASS

Note: TA in E. coli replaced with CC so that the reverse complement becomes GG to match with predominant YY



IV

Fig. 1D

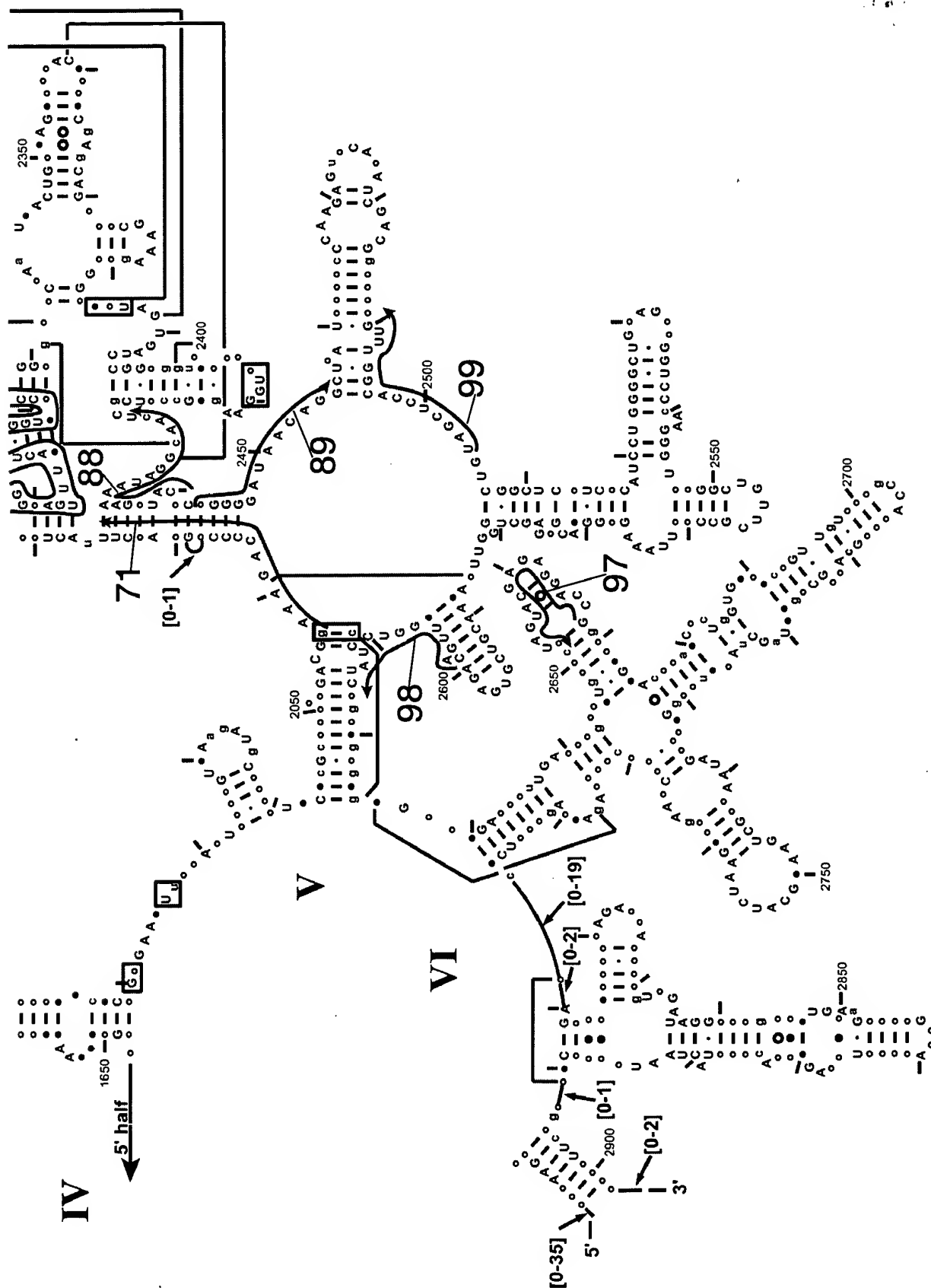
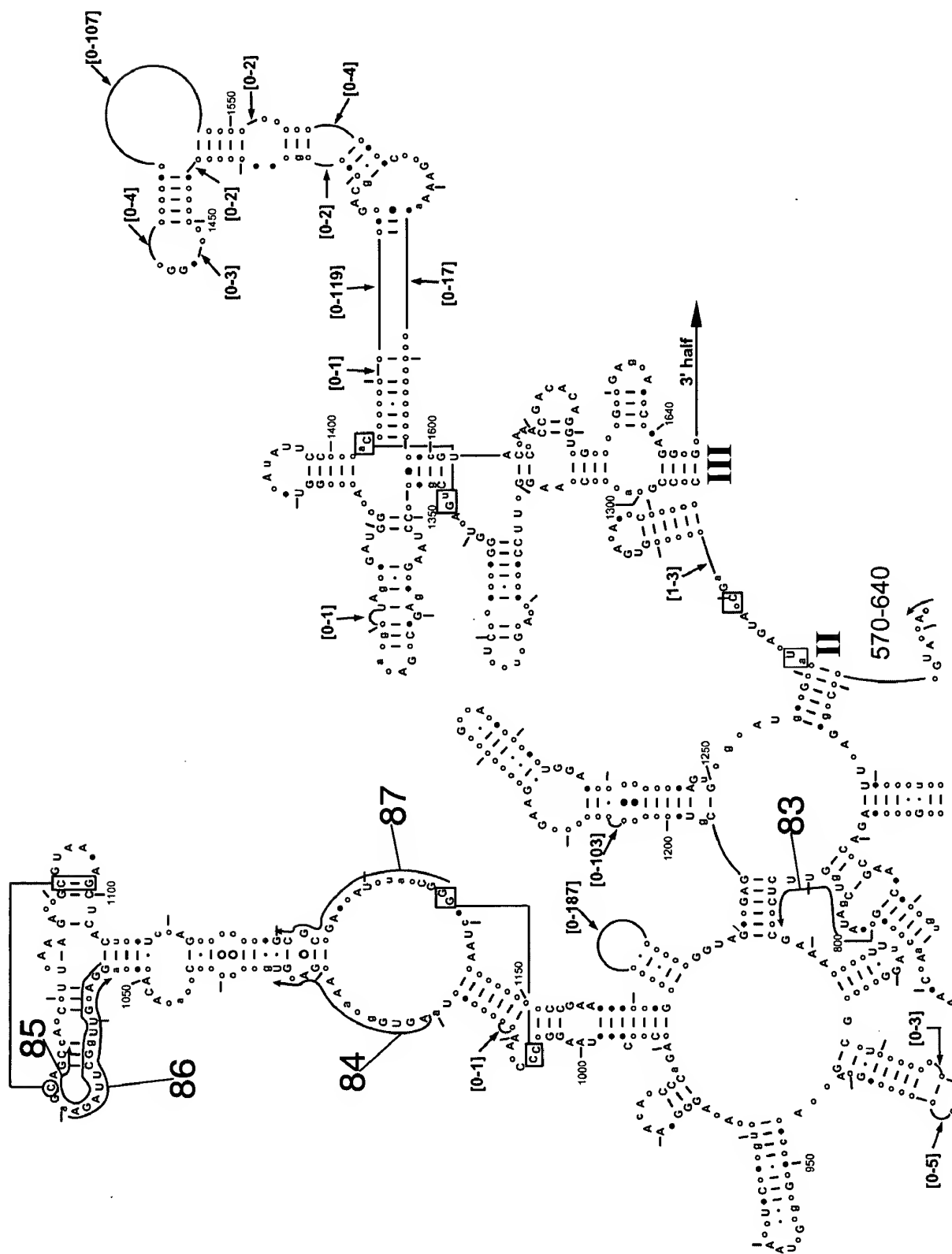


Fig. 1E



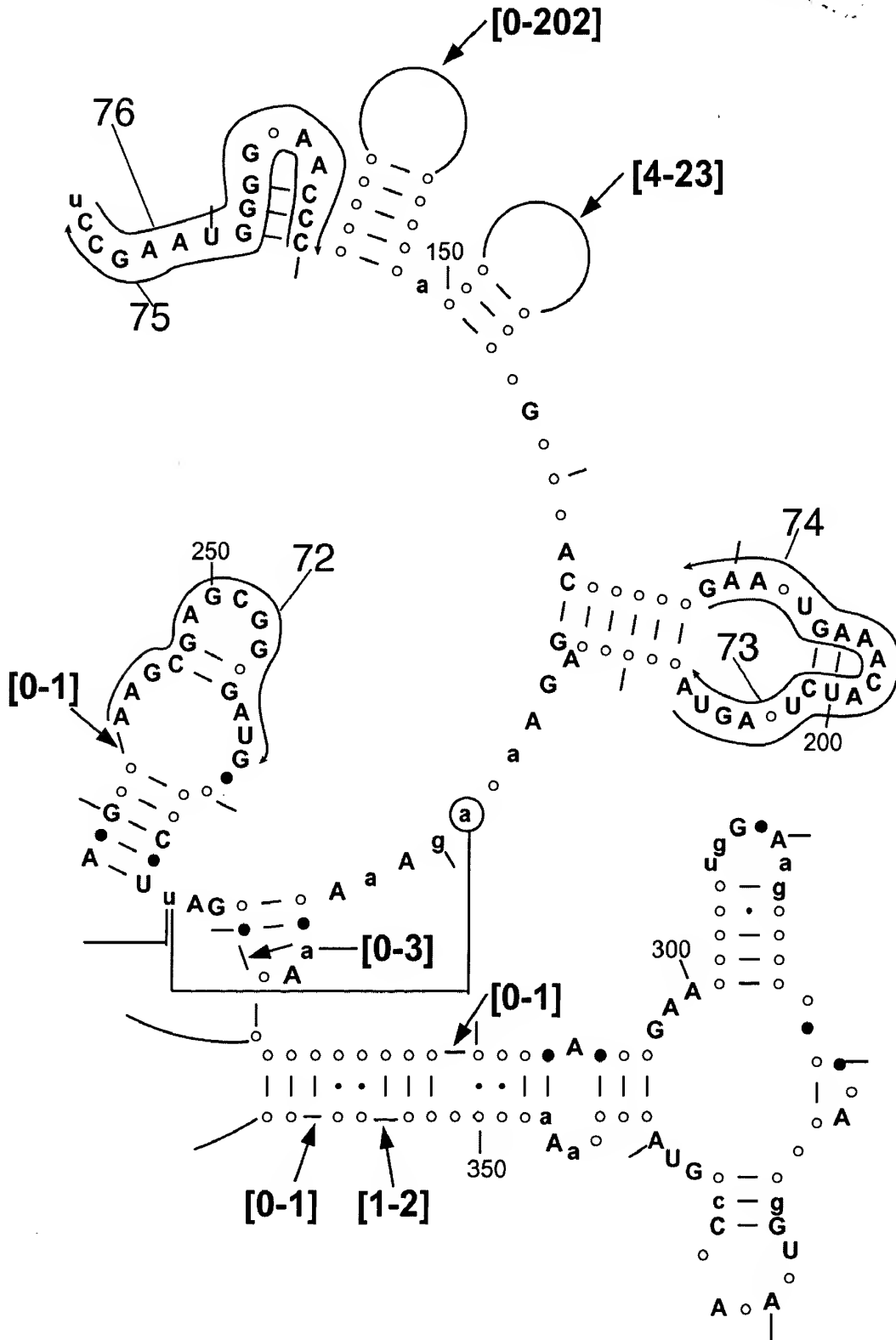


Fig. 1H

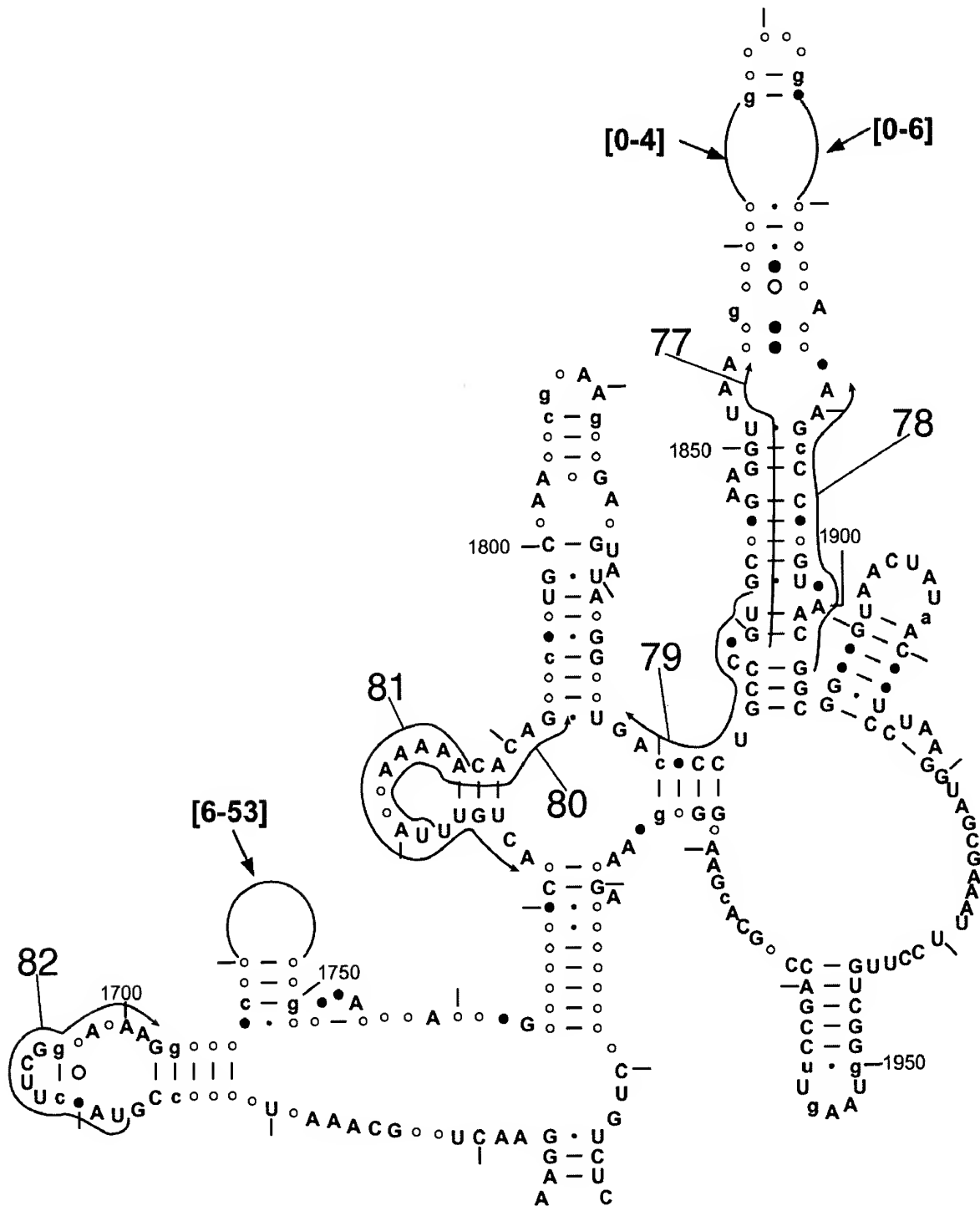
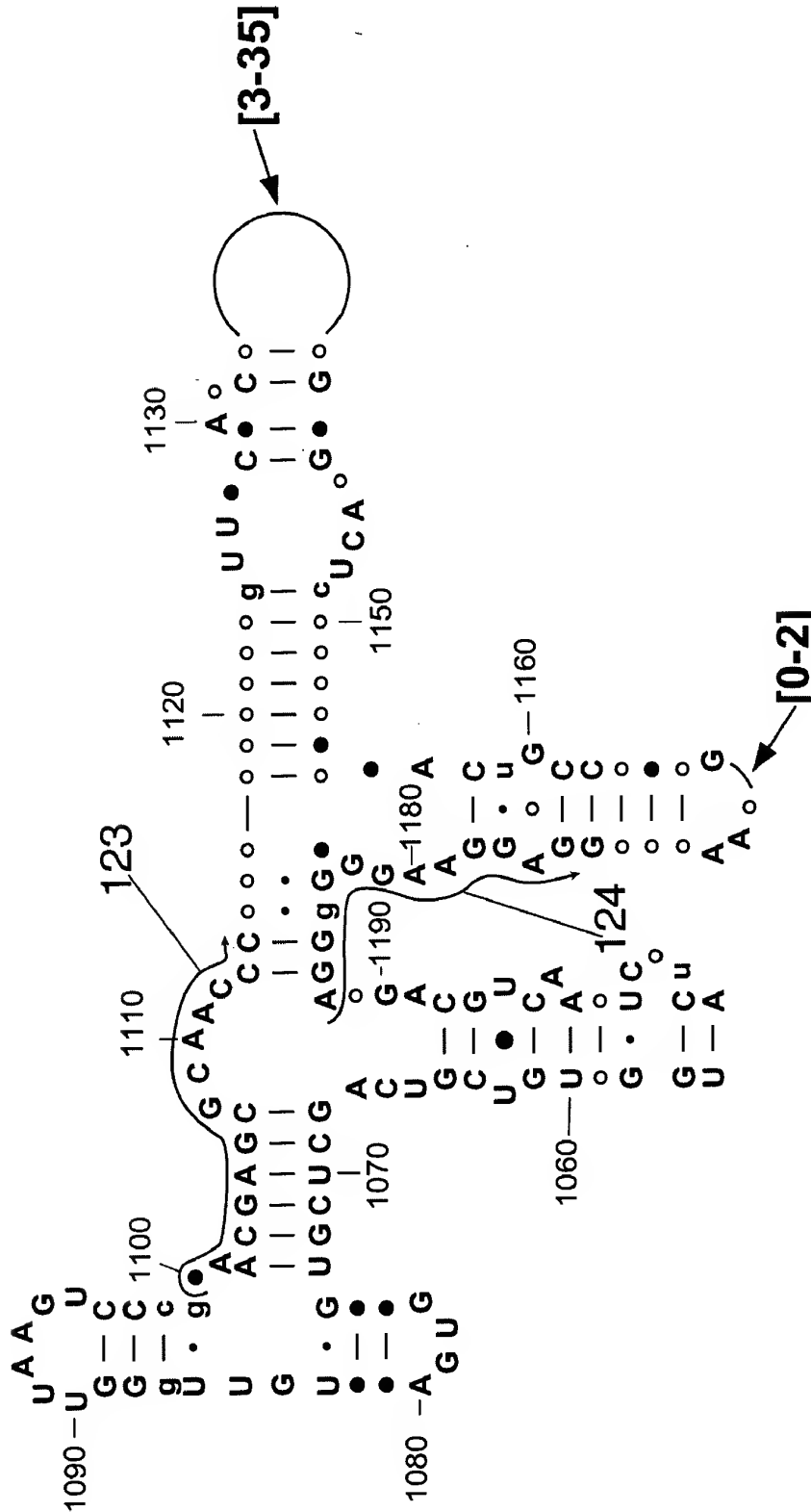


Fig. 2

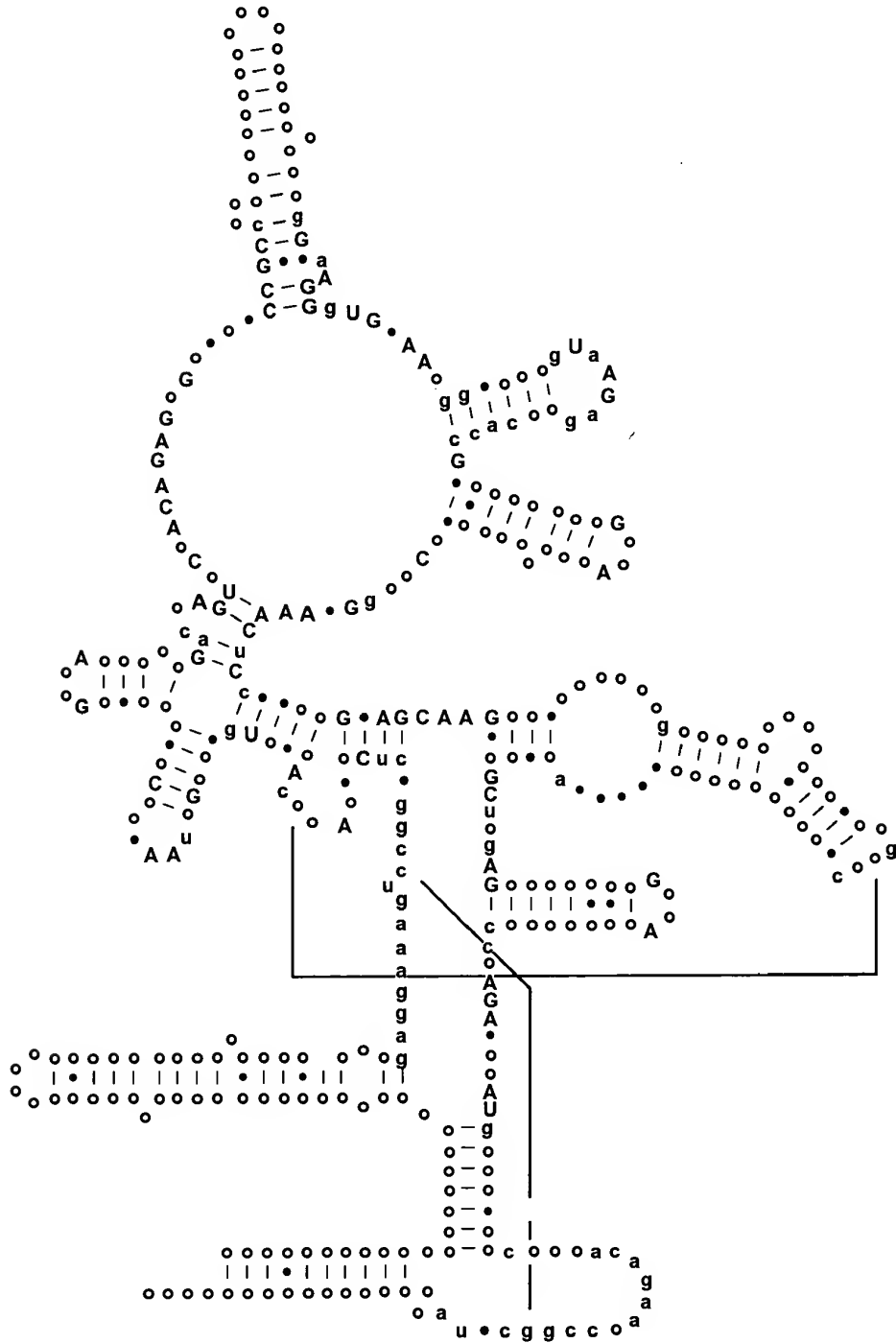
APPROVED	O.G. FIG.
BY	CLASS
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Fig. 3

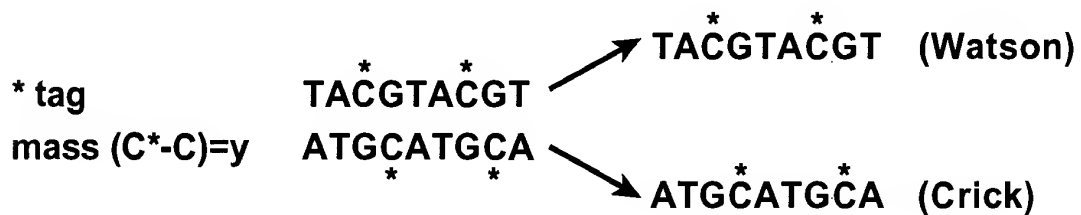
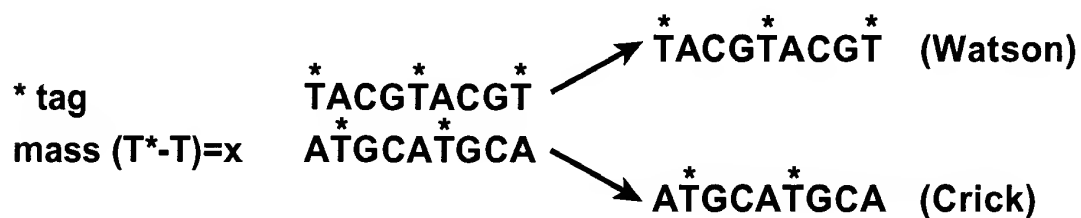
FIG.	SUBCLASS	
	CLASS	
BY	DRAFTSMAN	



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Fig. 4

BY DRAFTSMAN	CLASS	SUBCLASS
	UG.FIG.	

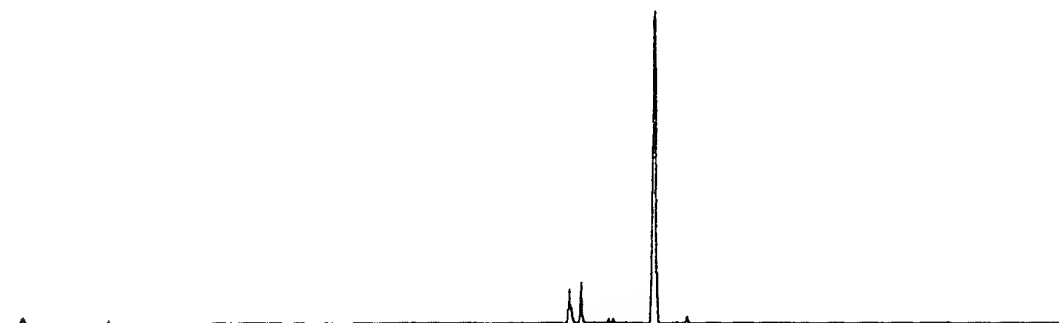


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Fig. 5

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	CLASS	SUBCLASS

***B. anthracis* ($A_{14}G_9C_{14}T_9$) $MW_{meas} = 14072.2$**



***B. anthracis** ($A_1A^*_{13}G_9C_{14}T_9$) $MW_{meas} = 14280.9$**

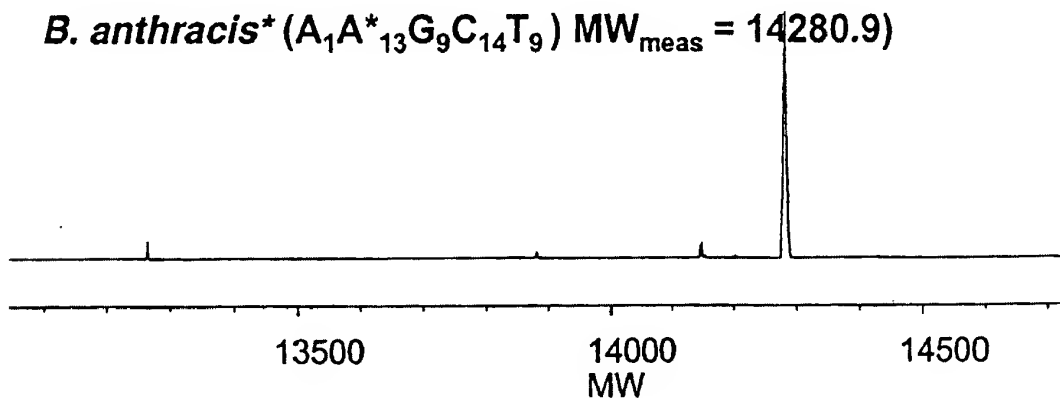


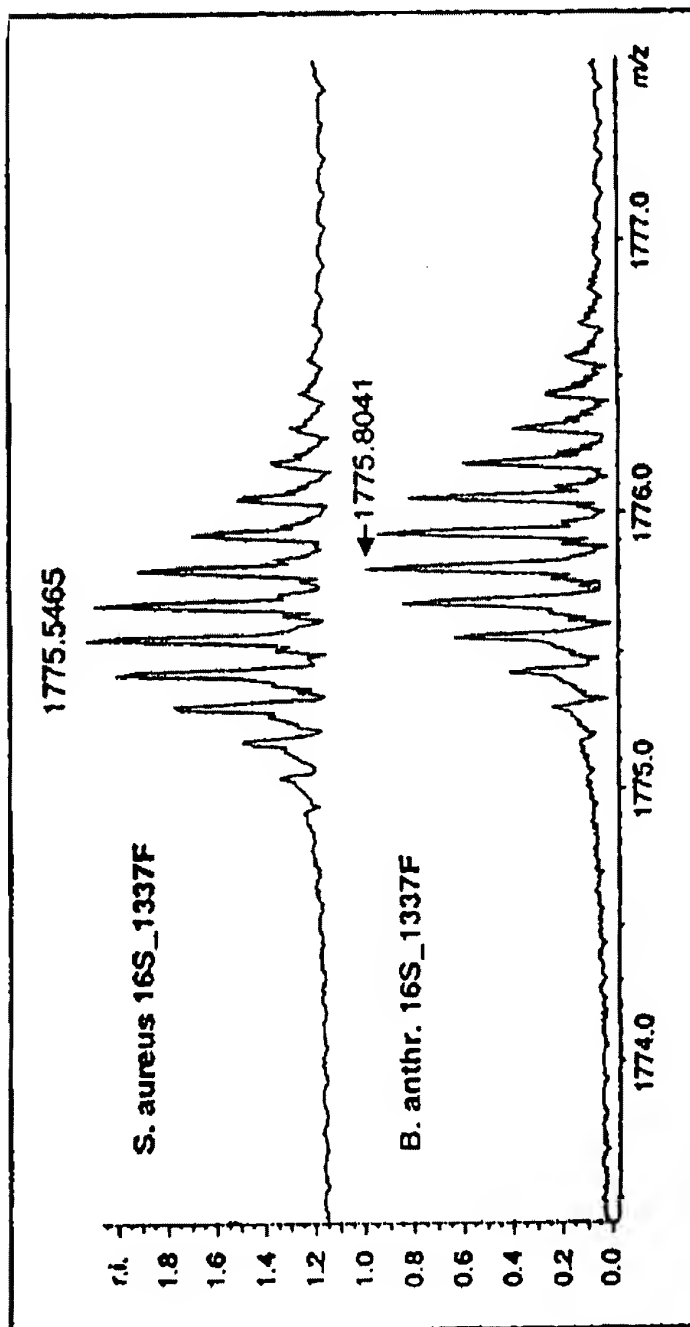
Fig. 6



Fig. 7

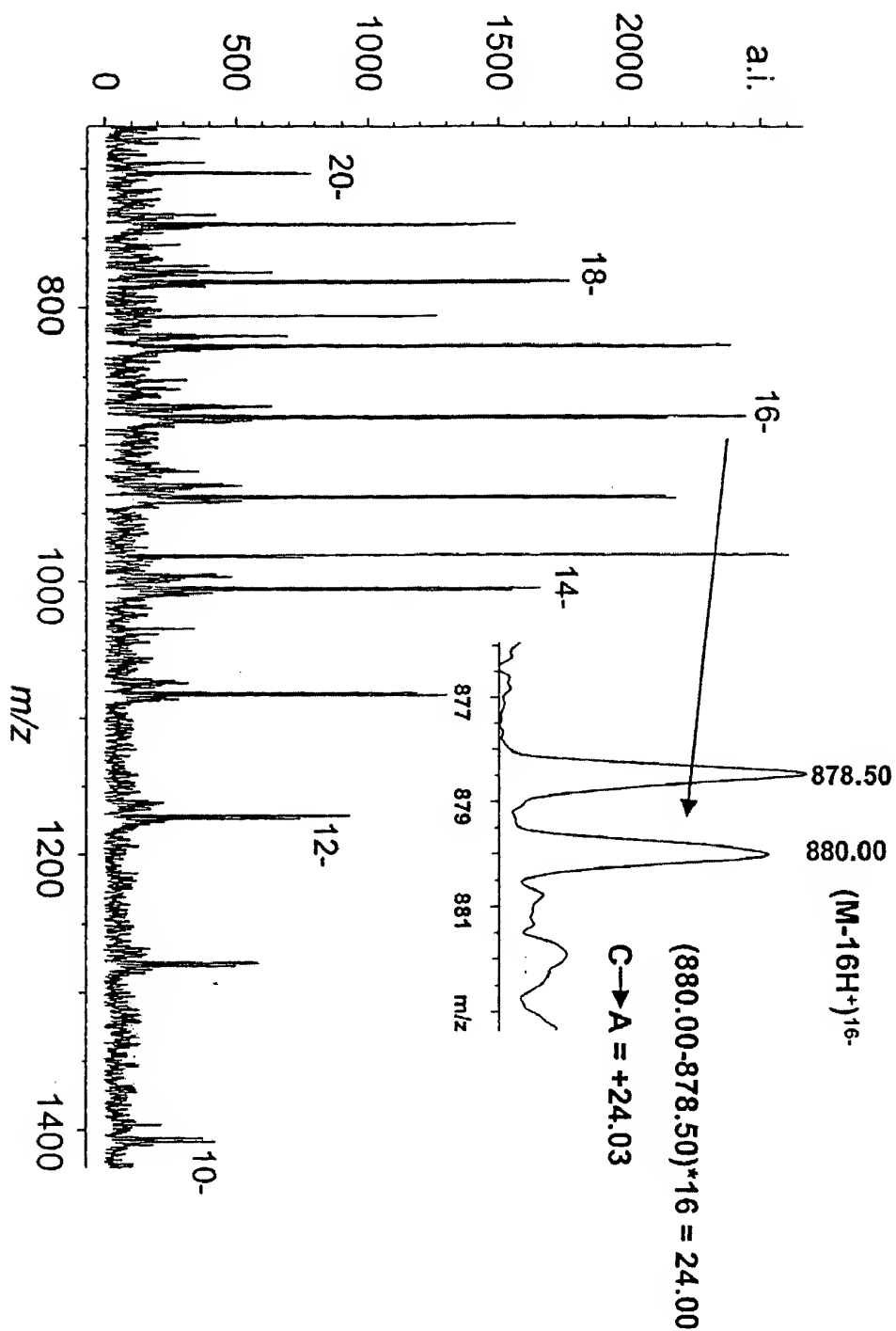


Fig. 8

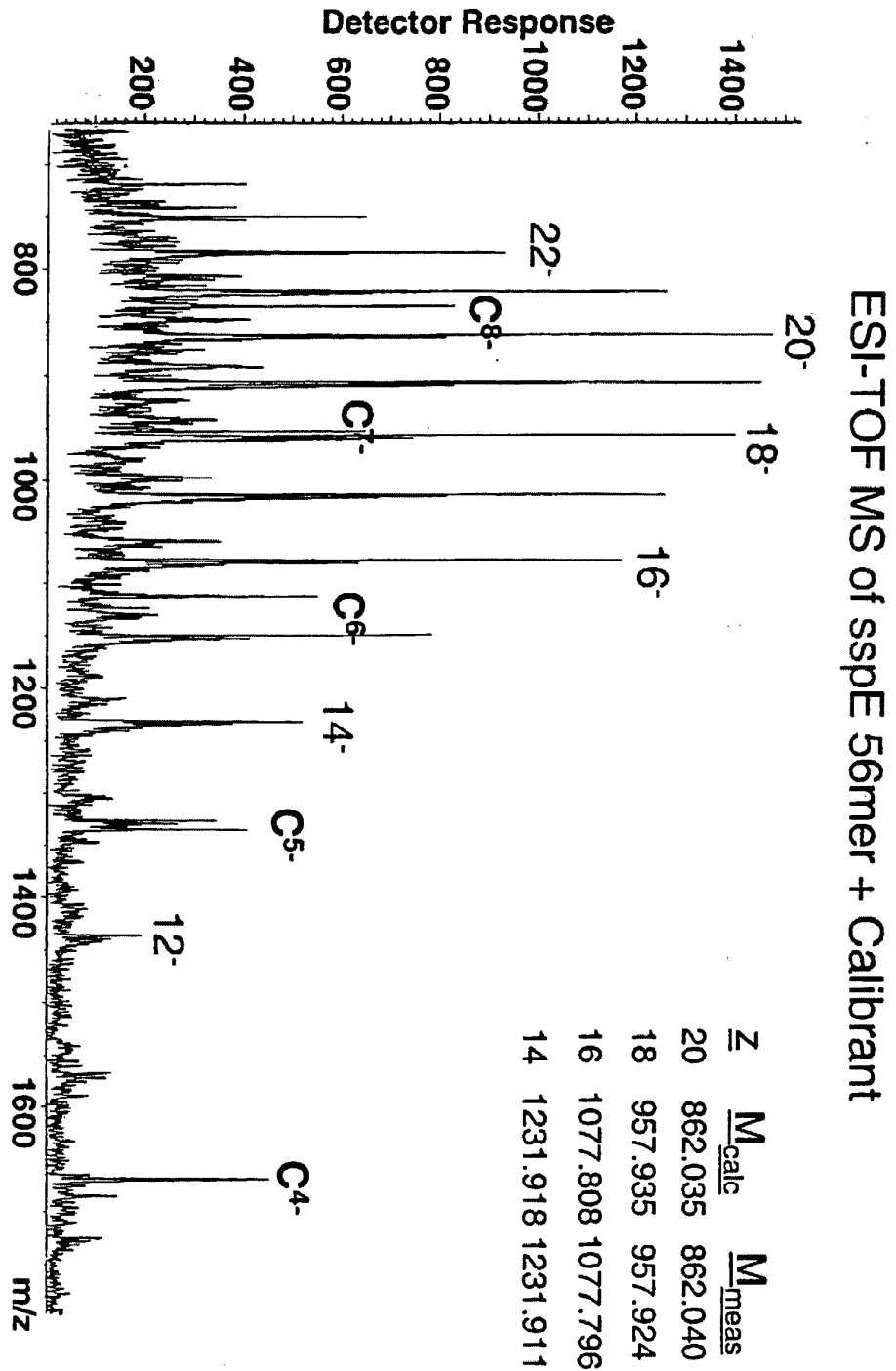




Fig. 9

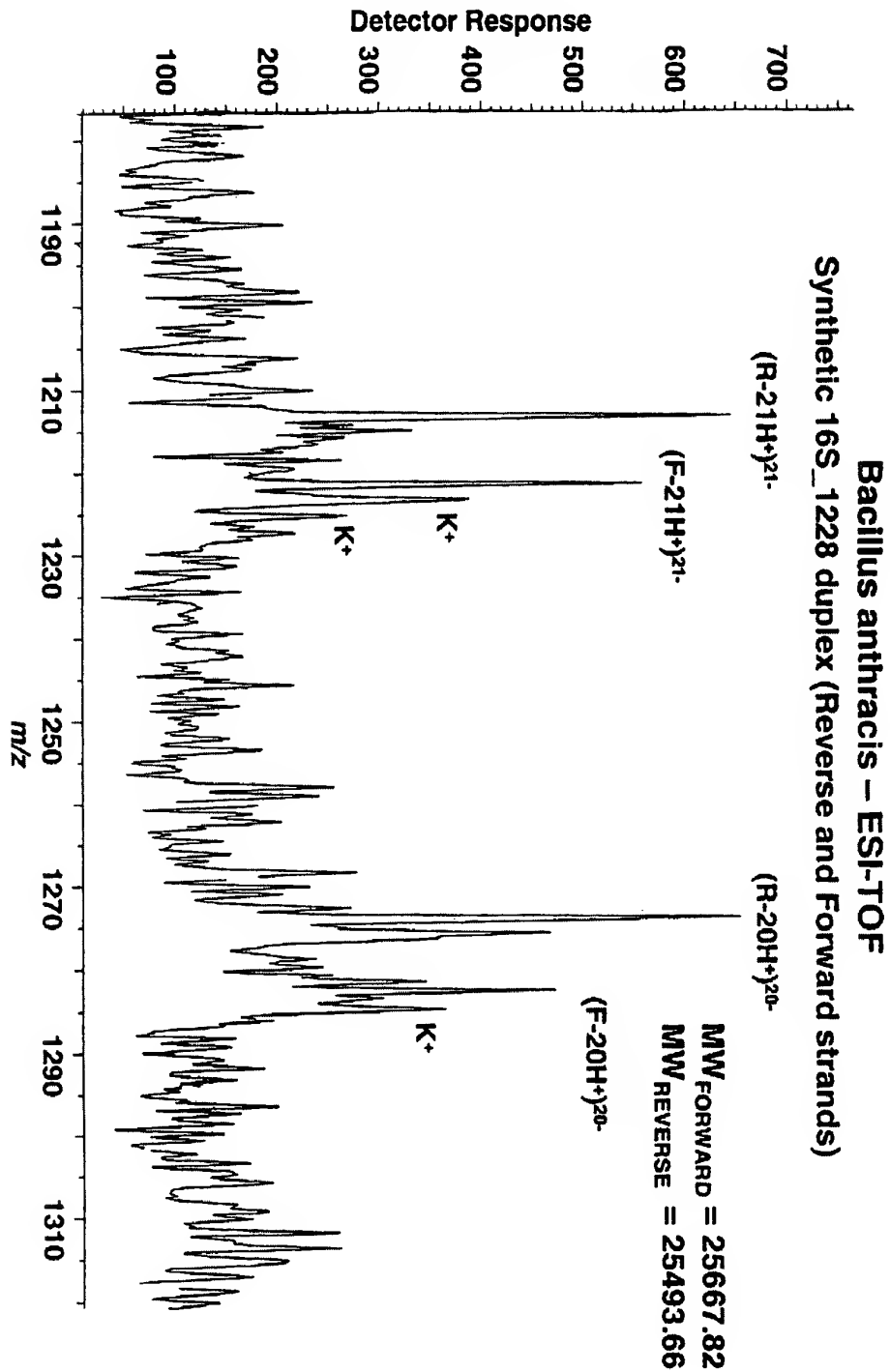
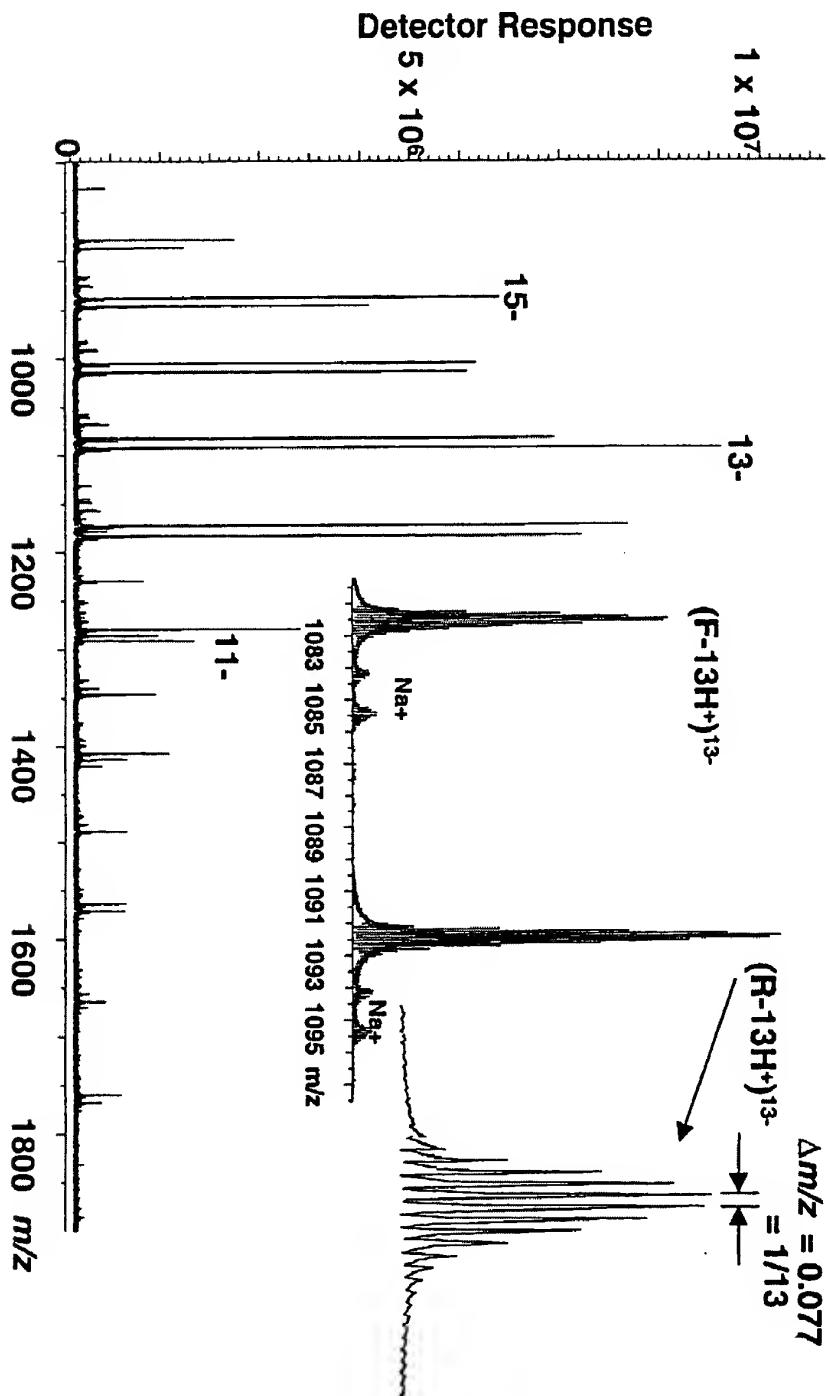




Fig. 10



ESI-FTICR-MS of
 Synthetic Bacillus anthracis 16S_1337 46 bp duplex

Fig. 11

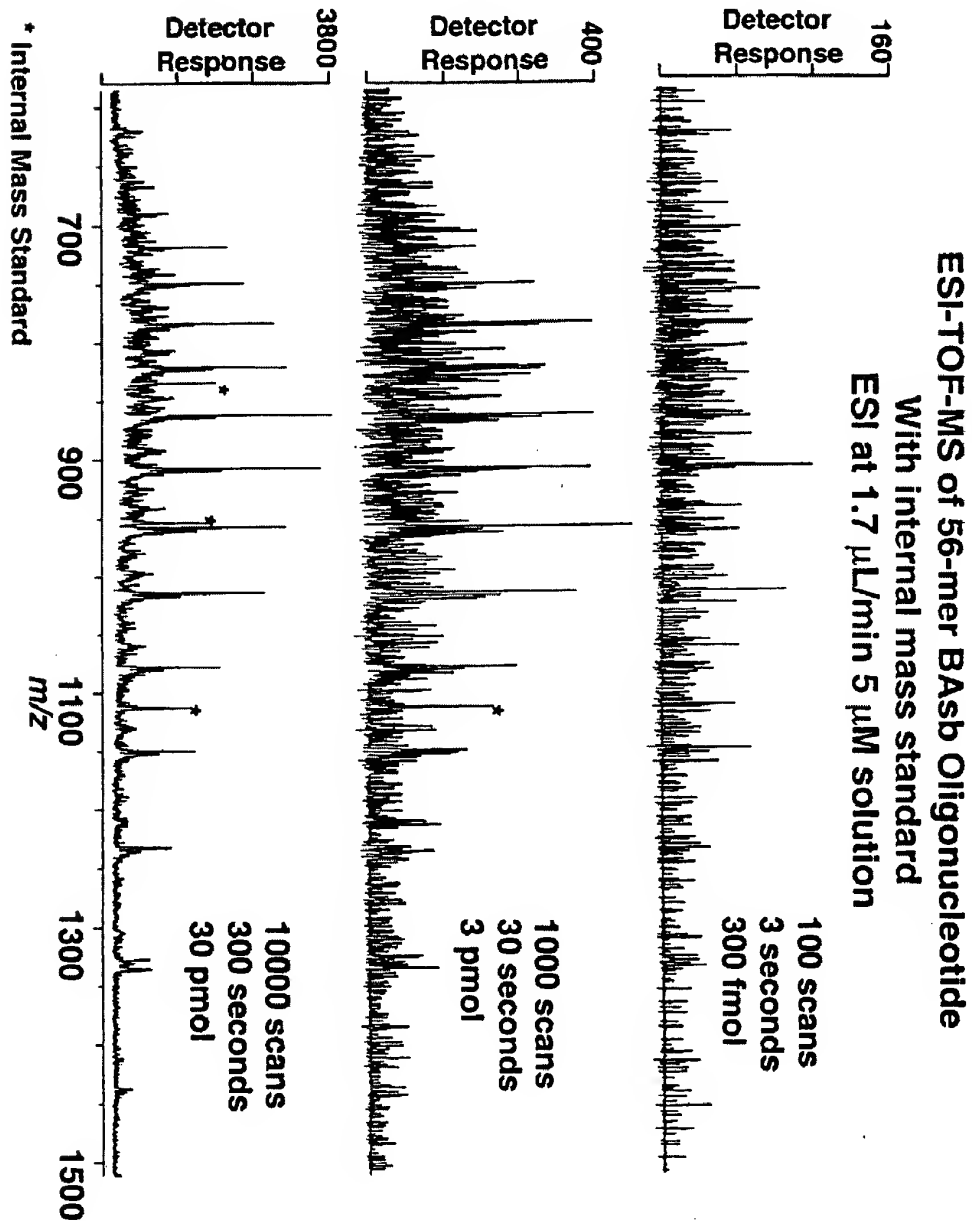


Fig. 12

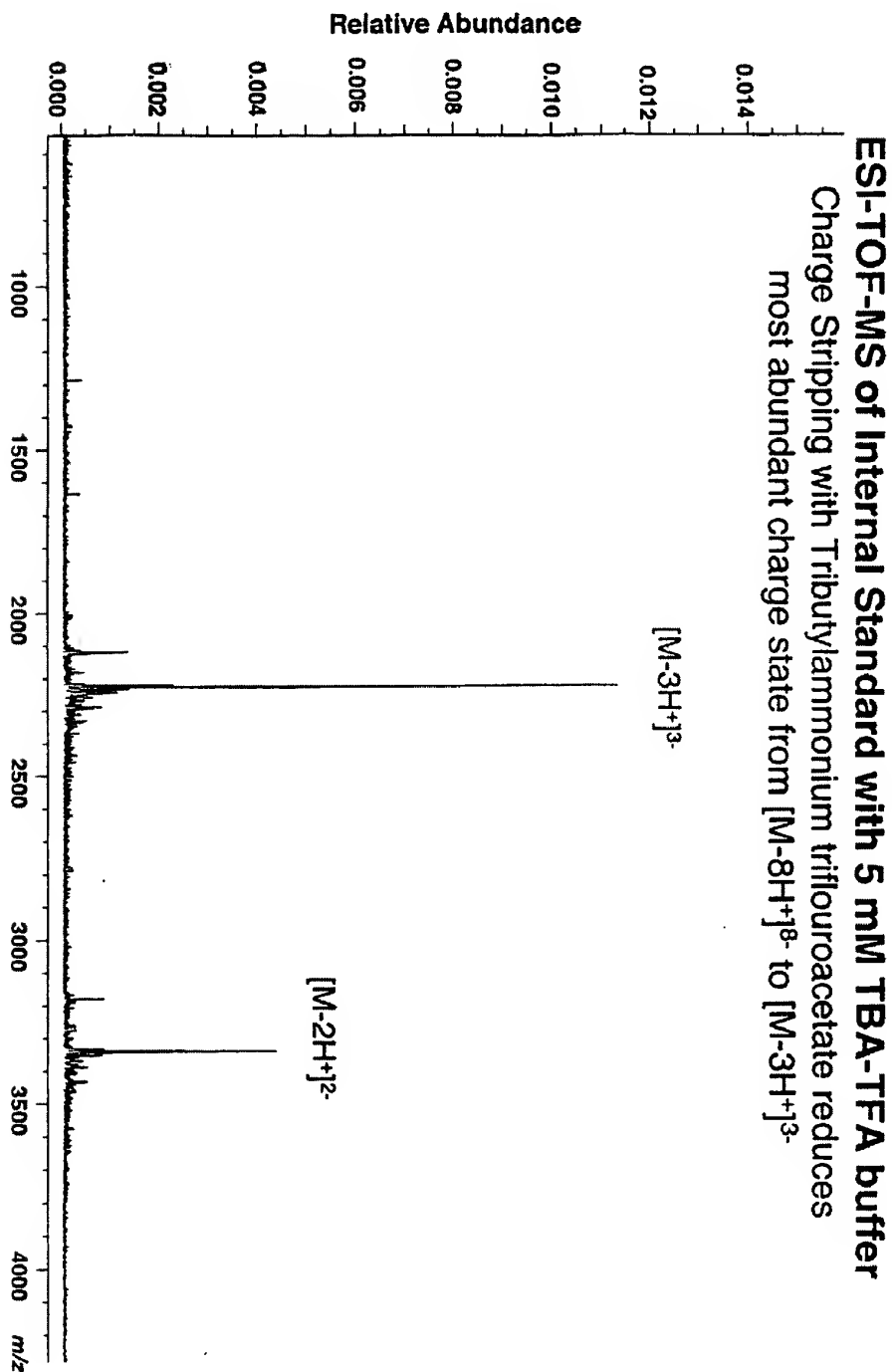
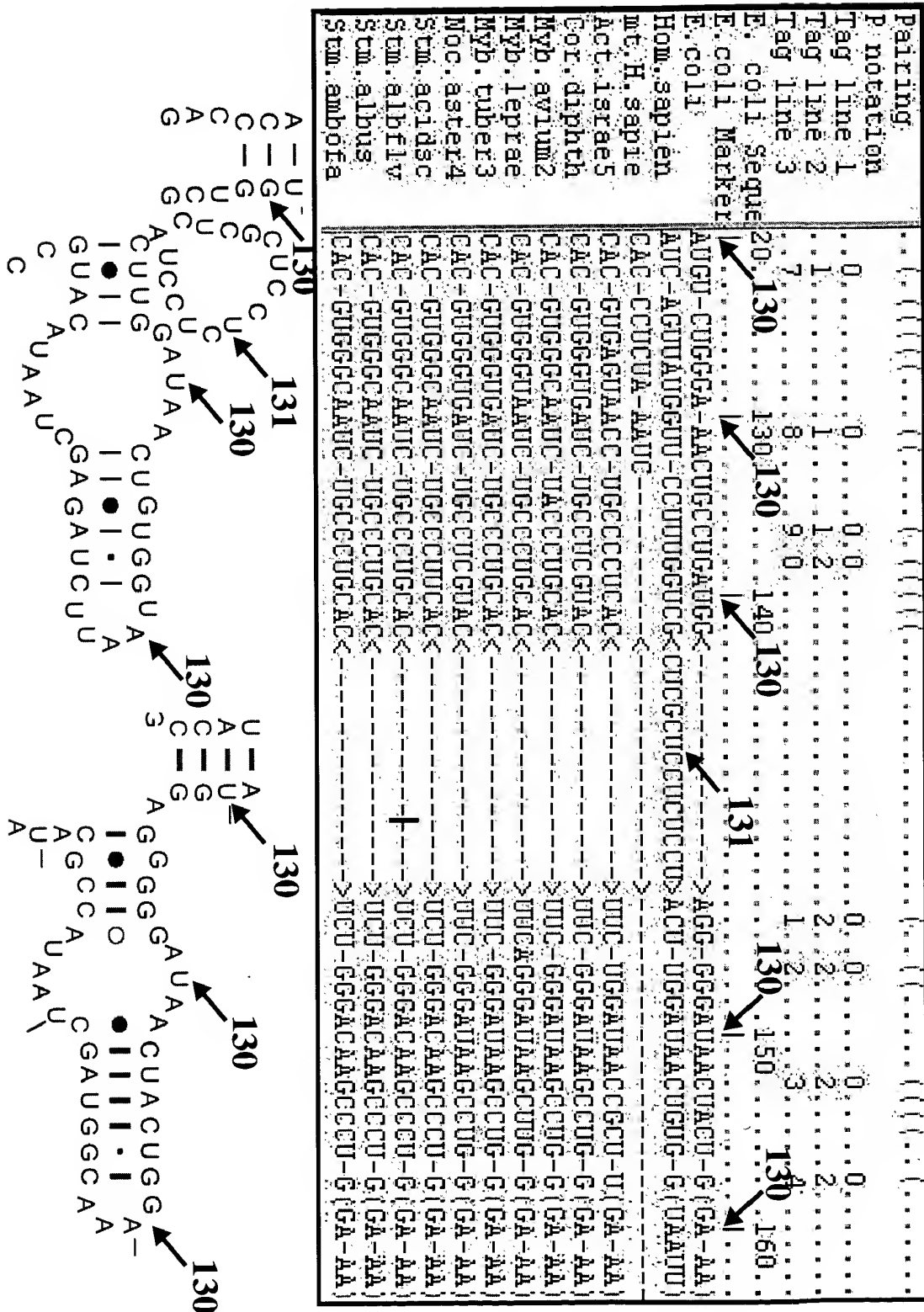
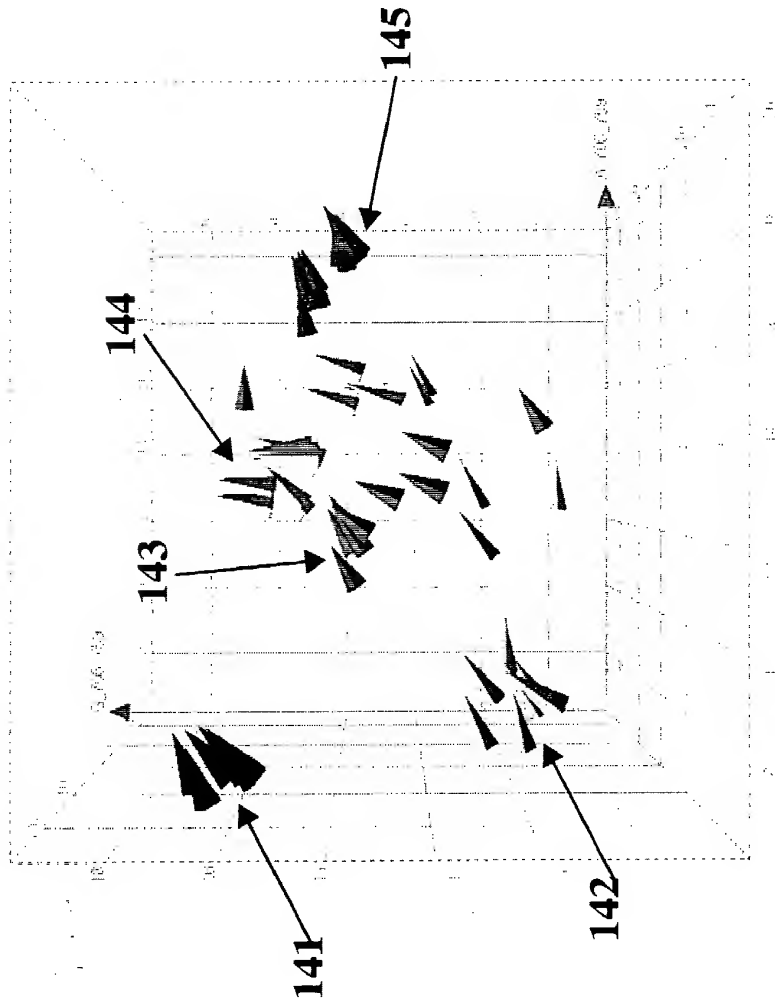


Fig. 13



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	CLASS	SUBCLASS



Picornovirus RdRp 705-759

- | | | | |
|--|--|---|--|
| <input checked="" type="checkbox"/> Encephalomyocarditis virus | <input checked="" type="checkbox"/> Foot-and-mouth disease virus | <input checked="" type="checkbox"/> Polio | <input checked="" type="checkbox"/> Rhinovirus |
| <input checked="" type="checkbox"/> Enterovirus | <input checked="" type="checkbox"/> Hepatitis A virus | <input checked="" type="checkbox"/> Porcine enterovirus | <input checked="" type="checkbox"/> Simian Hepatitis A |

Fig. 14

Fig. 15

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	CLASS	SUBCLASS

Immunodeficiency viruses

- Bovine IV
- HUMAN IV type 2
- ⊙ Human IV type 1
- Simian IV
- ⊙ Feline IV
- Chimpanzee IV

Hepatitis viruses

- ▲ Human Hepatitis B
- △ Snow Goose Hepatitis B
- ▲ Duck Hepatitis B
- ▲ Woodchuck Hepatitis B
- △ Woodchuck Hepatitis 7

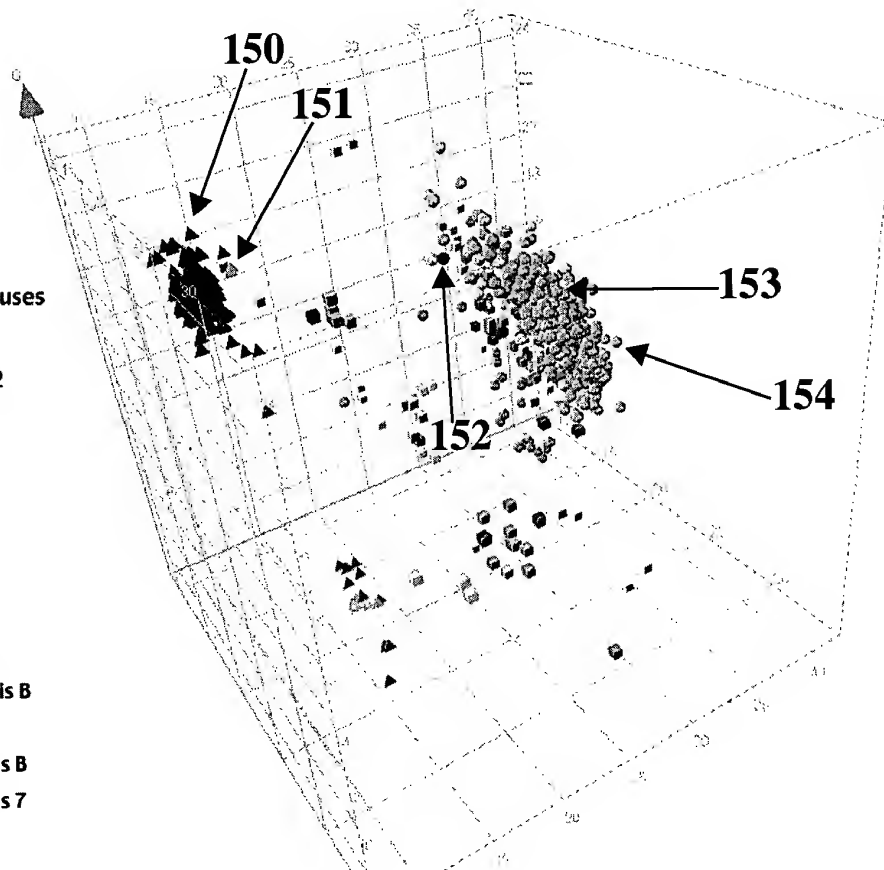
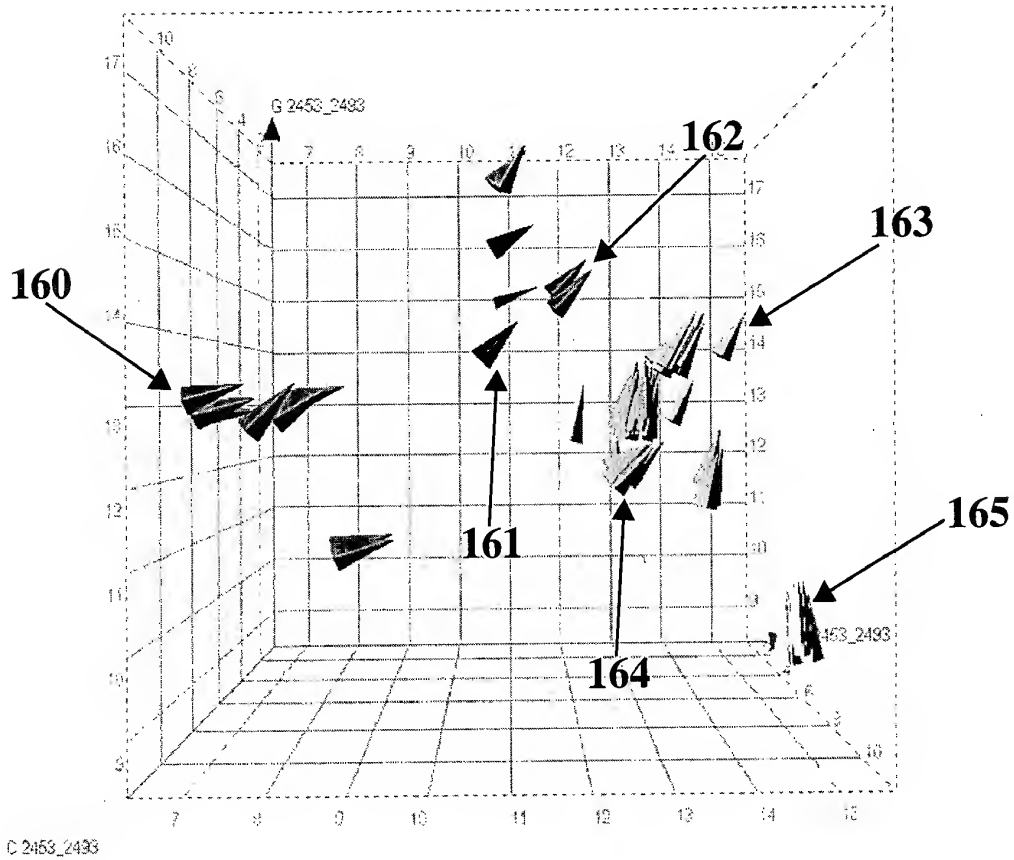


Fig. 16

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	CLASS	



C 2453_2493

Flavi RdRp 2453-2493

☒ Dengue virus type
☐ Dengue virus type
☒ Dengue virus type

☒ Japanese encephalitis virus
☒ Kunjin virus
☐ Murray valley encephalitis virus

☒ Tick-borne encephalitis virus
☒ West Nile virus
☐ Yellow fever virus

Fig. 17

APPROVED	O.G. FIG.	
	CLASS	SUBCLASS
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